

ANG

NOV 11 2008

**PRETREATMENT MONITORING REPORT**NAME: PSEG SERVICES CORPORATIONMAILING ADDRESS: 80 PARK PLACE, MAILCODE: T17 NEWARK, NJ 07102FACILITY LOCATION: 2000 FRANK E. RODGE BLVD. HARRISON, NJ 07029CATEGORY & SUBPART: UNKNOWNOUTLET #: 1CONTACT OFFICIAL: RAYMOND A. TRIPODITELEPHONE: 973-430-8832NEW CUSTOMER ID / OUTLET ID: 13630001 - 1 OLD OUTLET DESIGNATION: \_\_\_\_\_**MONITORING PERIOD**

Start		
10	01	08
MO	DAY	YR

End		
10	31	08
MO	DAY	YR

Average  
Regulated Flow-gal/day 4,409Maximum  
~~22,409~~ 4850

Total Flow-gal/day \_\_\_\_\_

Method Used: Non-resettable flow meter*20 days discharge*

Production Rate (if applicable) \_\_\_\_\_

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE COMP/GRAB
		MON AVG	MAXIMUM	UNITS		
BIOCHEMICAL OX	Sample Measurement	<5			1	COMP
	Permit Requirement	0		MG/L		
CADMIUM	Sample Measurement	<0.004			1	COMP
	Permit Requirement	0.19		MG/L		
COPPER	Sample Measurement	<0.0167			1	COMP
	Permit Requirement	3.03		MG/L		
LEAD	Sample Measurement	<0.0297			1	COMP
	Permit Requirement	0.54		MG/L		
MERCURY	Sample Measurement	<0.002			1	COMP
	Permit Requirement	0.080		MG/L		
NICKEL	Sample Measurement	<0.0163			1	COMP
	Permit Requirement	5.9		MG/L		
ZINC	Sample Measurement	<0.575			1	COMP
	Permit Requirement	1.67		MG/L		
PETROLEUM HYDR	Sample Measurement	<0.56			1	GRAB
	Permit Requirement		100	MG/L		
VOC FOR 413, 4	Sample Measurement	Not Detected			1	GRAB
	Permit Requirement		2	MG/L		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-1 REV: 4/6/87 P 1

## PRETREATMENT MONITORING REPORT

NOV 11 2008

**Certification of Non-Use if applicable (use additional sheets):**

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: All parameters are in compliance with the discharger limits listed in the Temporary Sewer Use Permit

Explain Method for preserving samples: After filling, sample containers were sealed, labeled and immediately placed in a cooler packed with ice. The samples were kept on ice and shipped to the laboratory on the day of sample collection. Samples were preserved as follows: VOCs with hydrochloric acid (HCl); metals with nitric acid (HNO<sub>3</sub>); BOD and TPH (as oil and grease) preserved with ice

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal  
Executive or Authorized Agent

Katrina Van Deusen

as agent for PSEG Services Corporation – Onsite Representative

Type Name and Title

11/06/08

Date \_\_\_\_\_



## SUMMARY OF ANALYTICAL RESULTS: Z253

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	001_Grab
Lab Sample No.	PQLs and	PQLs and	955691
Sampling Date	GW Quality	GW Quality	10/03/2008 00:00
Matrix	2000 Criteria	2005Criteria	WATER
Dilution Factor			1
Units	ug/l	ug/l	ug/L
VOLATILE COMPOUNDS (GC/MS)			
Chloromethane	30	NA	
Bromomethane	10	10	
Vinyl Chloride	5	1	0.2 U
Chloroethane	100	NA	0.4 U
Methylene Chloride	3	3	0.4 U
Trichlorofluoromethane	2000	2000	
1,1-Dichloroethene	2	1	0.5 U
1,1-Dichloroethane	50	50	0.3 U
trans-1,2-Dichloroethene	100	100	0.4 U
cis-1,2-Dichloroethene	70	70	
Chloroform	6	70	0.2 U
1,2-Dichloroethane	2	2	0.3 U
1,1,1-Trichloroethane	30	30	0.4 U
Carbon Tetrachloride	2	1	0.3 U
Bromodichloromethane	1	1	
1,2-Dichloropropane	1	1	0.5 U
cis-1,3-Dichloropropene	NA	1	0.1 U
Trichloroethene	1	1	0.4 U
Dibromochloromethane	10	1	0.2 U
1,1,2-Trichloroethane	3	3	0.2 U
Benzene	1	1	0.2 U
trans-1,3-Dichloropropene	NA	NA	0.2 U
2-Chloroethyl Vinyl Ether	100	NA	0.2 U
Bromoform	4	4	0.2 U
Tetrachloroethene	1	1	0.4 U
1,1,2,2-Tetrachloroethane	1	1	0.4 U
Toluene	1000	1000	0.3 U
Chlorobenzene	50	50	0.2 U
Ethylbenzene	700	700	0.4 U
Xylene (Total)	1000	1000	
Total Confident Conc.			
Total Estimated Conc. (TICs)			

NR - Not analyzed.

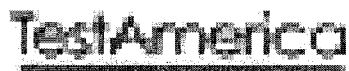
U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the sample.

Generated on 10/30/2008 4:00:00 PM



## SUMMARY OF ANALYTICAL RESULTS: Z253

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	001_Comp	
Lab Sample No.	PQLs and	PQLs and	955692	
Sampling Date	GW Quality	GW Quality	10/03/2008 00:00	
Matrix	2000 Criteria	2005Criteria	WATER	
Dilution Factor				
Units	ug/l	ug/l	ug/l	
<b>METALS</b>				
Cadmium	4	4	ND	U
Copper	1000	1300	16.7	U
Lead	10	5	29.7	U
Mercury	2	2	ND	U
Nickel	100	100	16.3	U
Zinc	5000	2000	575	U

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

N - The spiked sample recovery is not within control limits.

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TestAmerica Laboratories, Inc.

## ANALYTICAL REPORT

PROJECT NO. A274

TestAmerica Edison

Lot #: C8J070162

Alison Sedlak

TestAmerica Edison

TESTAMERICA LABORATORIES, INC.

A handwritten signature in black ink, appearing to be "CK" or similar, written over a horizontal line.

Christina M. Kovitch  
Project Manager

October 13, 2008

301 Alpha Drive Pittsburgh, PA 15238 tel 412.963.7058 fax 412.963.2468 [www.testamericainc.com](http://www.testamericainc.com)

C8J070162

1

(1 - 18)

A274

TestAmerica Edison

108



### NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
NFESC	NA	NAVY	X
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California - NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - NELAC	(#E87660)	WW	X
		HW	X
Illinois - NELAC	(#200005)	WW	X
		HW	X
Kansas - NELAC	(#E-10350)	WW	X
		HW	X
Louisiana - NELAC	(#93200)	WW	X
		HW	X
New Hampshire - NELAC	(#203002)	WW	X
		-	-
New Jersey - NELAC	(PA-005)	WW	X
		HW	X
New York - NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah - NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW Hazardous Waste certification  
 WW Non-potable Water and/or Wastewater certification  
 X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 12/28/07 C:\Documents and Settings\denubcin\My Documents\NELAC NARRATIVE Pittsburgh.doc

**CASE NARRATIVE**  
**TestAmerica Edison**  
**A274**  
**LOT # C8J070162**

**Sample Receiving:**

TestAmerica's Pittsburgh laboratory received samples on October 7, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

**General Chemistry:**

There were no problems associated with the analysis.

C8J070162

3

(1 - 18)

A274

TestAmerica Edison

110

**Laboratory Chronicle - Status Summary**

TestAmerica - Pittsburgh

CLIENT SAMPLE ID**13630001-1GRAB**LAB SAMPLE ID

C8J070162-1

METHOD and PREPARATION	SAMPLE DATE	EXT DATE	PREP DATE	ACTUAL DAYS to PREP	ANALYSIS DATE	ACTUAL DAYS PREP to ANALYZED	TOTAL DAYS SAMPLED to ANALYZED
CFR136A 1664A S C8J070162	10/3/2008		10/8/2008	5	10/9/2008	1	6
CFR136A 1664A H C8J070162	10/3/2008		10/8/2008	5	10/8/2008	0	5

printed on: Monday, October 13, 2008 08:09 AM

Page 1 of 1

C8J070162

4

(1 - 18)

A274

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111

**METHODS SUMMARY**

C8J070162

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
N-Hexane Ext. Material, Silica Gel Treated-1664A	CFR136A 1664A S	EPA 1664A
N-Hexane Extractable Material (1664A)	CFR136A 1664A H	EPA 1664A

**References:**

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

C8J070162

5

(1 - 18)

A274

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112

**SAMPLE SUMMARY**

C8J070162

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KOACK	001	13630001-1GRAB	10/03/08	10:40

**NOTE(S) :**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

C8J070162

6

(1 - 18)

A274

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113



# Cooler Receipt Form

TestAmerica Pittsburgh

Client: TA EdisonProject: A274Quote: 47671Cooler Rec'd & Opened for Temp. Check on: 10/7/08Coolers Opened and Unpacked on: 10/7/08By: Tim O'Connell  
(Signature)

TestAmerica Pittsburgh Lot Number: \_\_\_\_\_

	Yes	No	NA
1. Were custody seals on the outside of the cooler? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If YES, how many and where? Quantity <u>1</u> Location <u>Front</u>			
Were signatures and date correct? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were custody papers included inside the cooler? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were custody papers properly filled out (ink, signed, match labels)? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Did you sign the custody papers in the appropriate place? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Was shippers packing slip attached to this form? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Were packing materials used? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If YES, what type? <u>Bubble Bags</u>			
7. Were the samples received within the acceptable temperature range? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Were the samples appropriately preserved? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Were all bottles sealed in separate plastic bags? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Did all bottles arrive in good condition (unbroken)? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Were all bottle labels complete (sample ID, preservatives, etc.)? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Did all bottle labels and/or tags agree with custody papers? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Were correct bottles used for tests indicated? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Were all VOA vials checked for the presence of air bubbles? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15. Was a sufficient amount of sample sent in each bottle? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Samples received by: FEDEX <u>UPS</u> CLIENT DROP-OFF OTHER DHL US CARGO			

Explain any discrepancies: \_\_\_\_\_

Level 2 Review \_\_\_\_\_

Was contacted on \_\_\_\_\_ by \_\_\_\_\_ to resolve discrepancies.



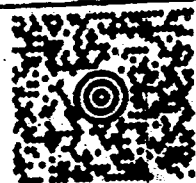
SAMPLE MANAGER  
(732) 549-3908  
TEST AMERICA-EDISON  
777 NEW DURNHAM ROAD  
EDISON NJ 08817

49 LBS

1 OF 1

## SHIP TO:

CHRIS KOVITCH  
(412) 963-7058  
TEST AMERICA PITTSBURGH  
RIDC PARK  
381 ALPHA DRIVE  
PITTSBURGH PA 15238-2907



PA 152 9-20



UPS NEXT DAY AIR

1

TRACKING #: 1Z 083 95E 01 27 8840



BILLING: F/C BILL RECEIVER

105 8.0.40

LP2044 03.0A 07/2000

TEST AMER  
381 ALPHA  
PITTSBURGH  
P. PUB  
BET  
1708391  
ACCOUNT

C8J070162

10

(1 - 18)

A274

TestAmerica Edison

117

**DATA SUMMARY PACKAGE**

C8J070162

11

(1 - 18)

A274

*TestAmerica Edison*

118

**GENERAL CHEMISTRY SUMMARY**

C8J070162

12

(1 - 18)

A274

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119

TestAmerica Edison  
*Oil & Grease (HEM)*

Lab Name: TESTAMERICA PITTSBURGH

Method:

CFR136A 1664A HEM

Client Name: TestAmerica Edison

Lot Number:

C8J070162

Matrix: WATER

**SOLID PHASE EXTRACTION**

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
13830001-1GRAB	C8J070162 001	KOACK1AA	ND	mg/L	0.53	5.4	1.08	10/8/2008 - 10/8/2008 08:30	8282054

TESTAMERICA PITTSBURGH

General Chemistry results by parameter

C8J070162

13

(1 - 18)

A274

TestAmerica Edison

120

TestAmerica Edison  
**TPH (SGT-HEM)**

Lab Name: TESTAMERICA PITTSBURGH

Method: CFR136A 1664A SGT I

Client Name: TestAmerica Edison

Lot Number: C8J070162

Matrix: WATER

**SPE + SILICA GEL**

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
13630001-1GRAB	C8J070162 001	K0ACK1AC	ND	mg/L	0.58	5.4	1.08	10/8/2008 - 10/9/2008 09:00	8282055

TESTAMERICA PITTSBURGH

General Chemistry results by parameter

C8J070162

14

(1 - 18)

A274

TestAmerica Edison

121

## TestAmerica Edison

**TPH (SGT-HEM)**

Lab Name: TESTAMERICA PITTSBURGH

Method: CFR136A 1664A SGT I

Client Name: TestAmerica Edison

Report ID: C8J070162

Matrix: WATER

Date/Time Received: 10/3/2008 9:50:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8J080000055B	055 MB	K0DCQ1AA	ND	mg/L	5.0	10/8/2008 - 10/9/2008 09:00	8282055	

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General Chemistry QC results by parameter

C8J070162

16

(1 - 18)

A274

TestAmerica Edison

123

TestAmerica Edison

**TPH (SGT-HEM)**

Lab Name: TESTAMERICA PITTSBURGH

Method: CFR136A 1664A SGT I

Client Name: TestAmerica Edison

Lot Number: C8J080000

Matrix: WATER

Date/Time Received: 10/3/2008 9:50:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
DUPLICATE CHECK	LCSD	K0DCQ1AD	80	64 - 132	10/8/2008 - 10/9/2008 09:00	8282055	1.9 / 28
CHECK SAMPLE	LCS	K0DCQ1AC	81	64 - 132	10/8/2008 - 10/9/2008 09:00	8282055	1.9 / 28

TESTAMERICA PITTSBURGH

General Chemistry QC results by parameter

C8J070162

18

(1 - 18)

A274

TestAmerica Edison

125

